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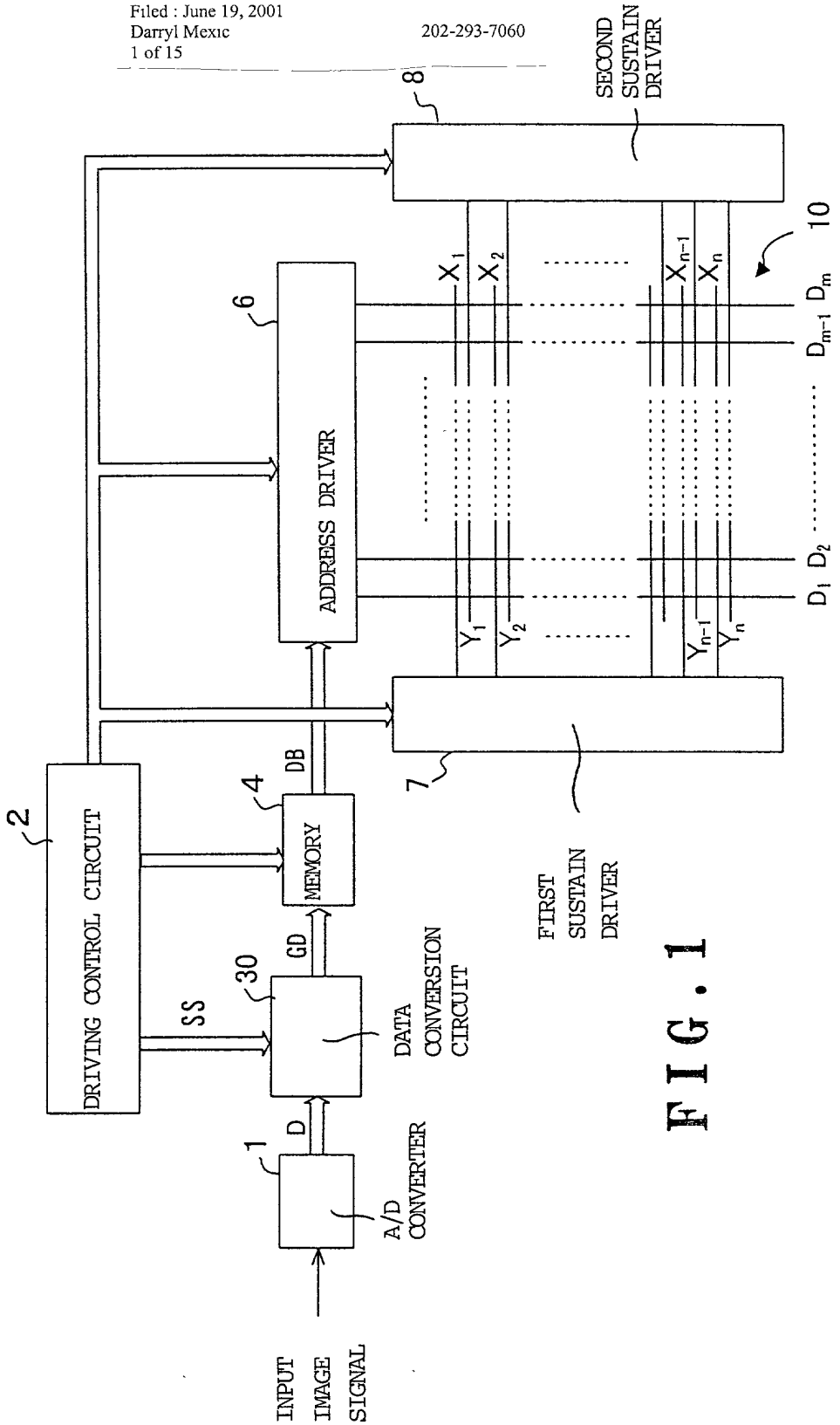

FIG. 1

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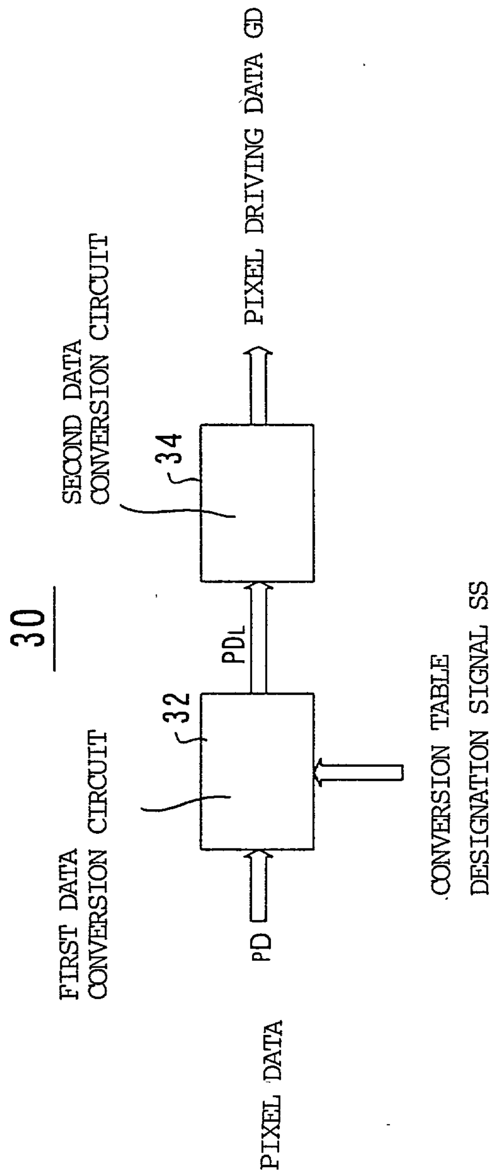

FIG.2

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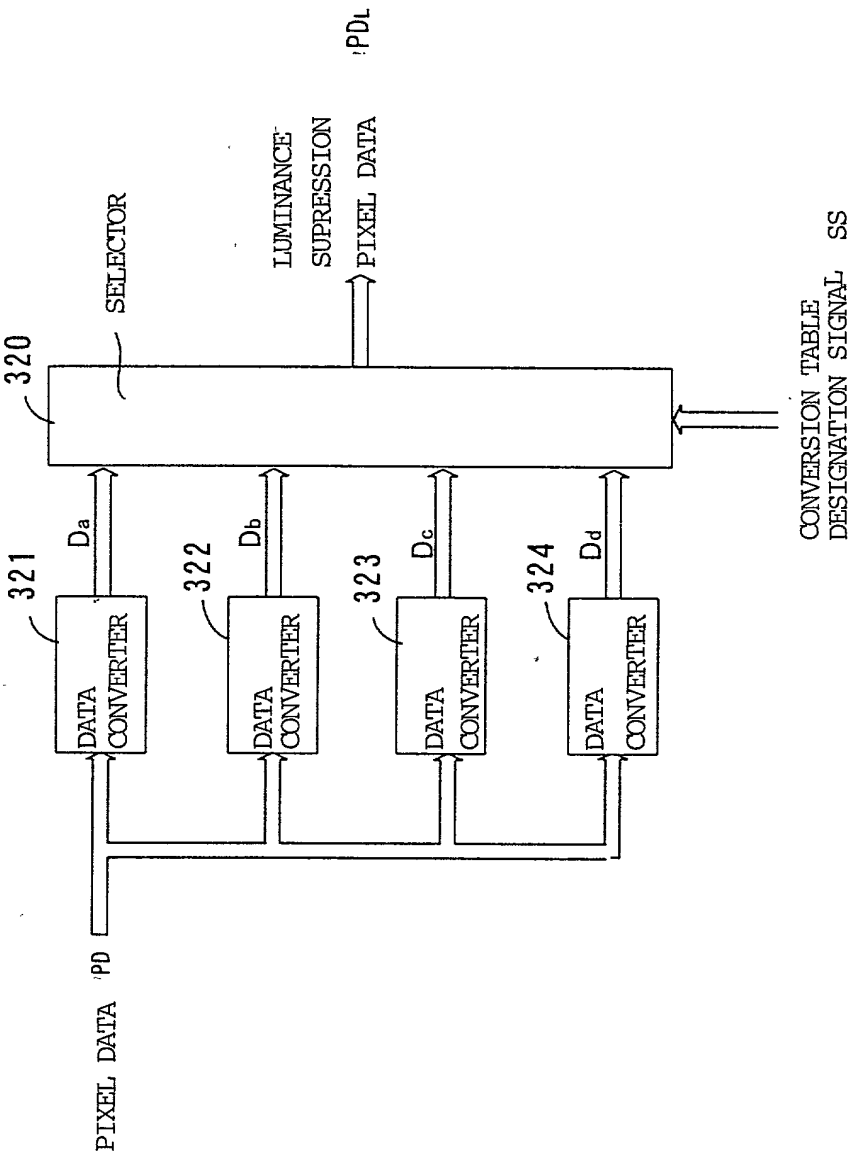

FIG. 3

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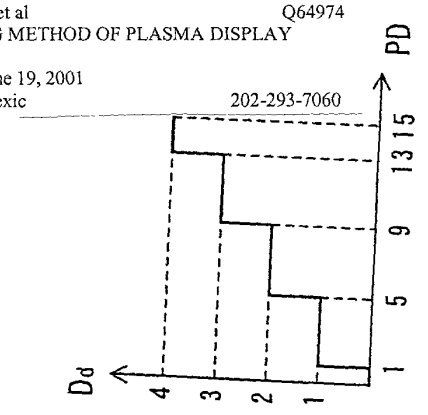

FIG. 4D

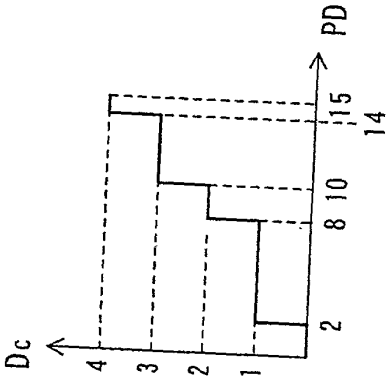

FIG. 4C

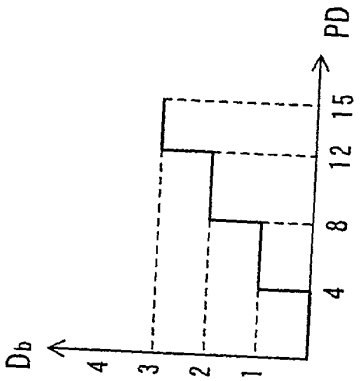

FIG. 4B

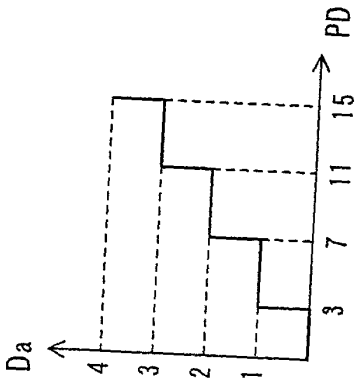

FIG. 4A

CONVERSION TABLE OF
SECOND DATA CONVERSION
CIRCUIT 34

[SELECTIVE ERASE]

LIGHT EMISSION
DRIVING PATTERN

GRADATION

	PD_L	GD 1	GD 2	GD 3	GD 4	SF 1	SF 2	SF 3	SF 4	LUMINANCE A	LUMINANCE B	LUMINANCE C	LUMINANCE D
1	000	1	1	1	1	●	●	●	●	0	0	0	0
2	001	0	1	1	1	○	●	●	●	20	28	12	4
3	010	0	0	1	1	○	○	●	●	72	88	56	40
4	011	0	0	0	1	○	○	○	●	156	180	132	108
5	100	0	0	0	0	○	○	○	○	272	/	240	208

BLACK CIRCLE:SELECTIVE ERASE DISCHARGE (LIGHT NON-EMISSION)

WHITE CIRCLE:SUSTAIN DISCHARGE(LIGHT EMISSION)

FIG. 5

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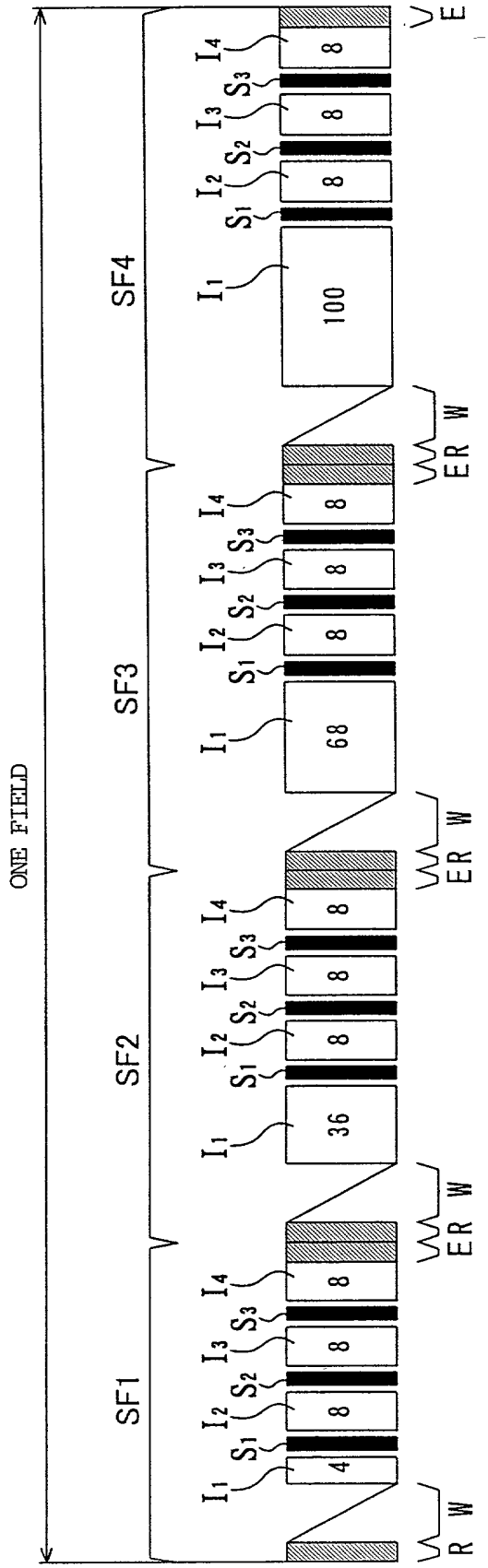

FIG. 6

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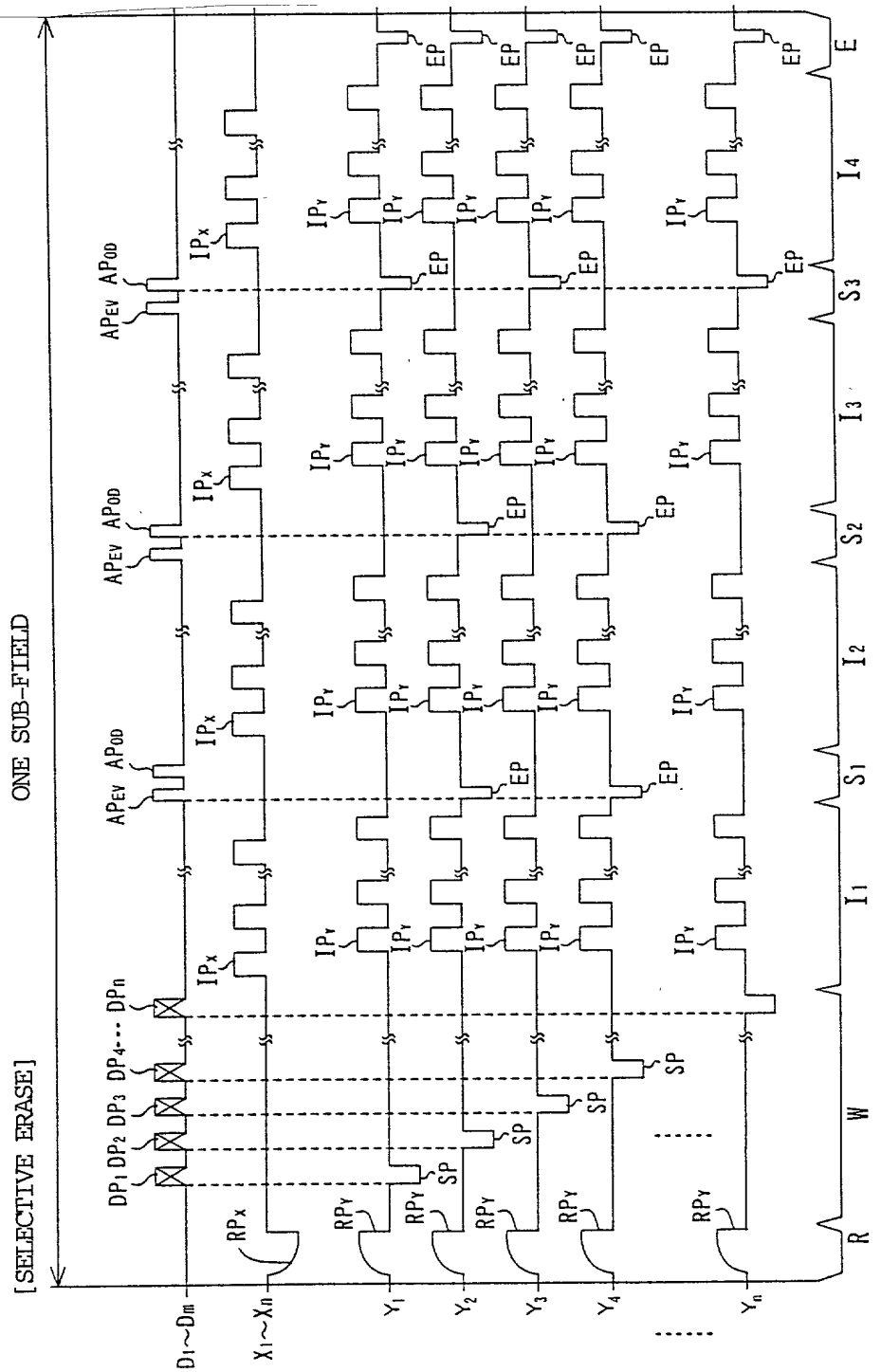


FIG. 7

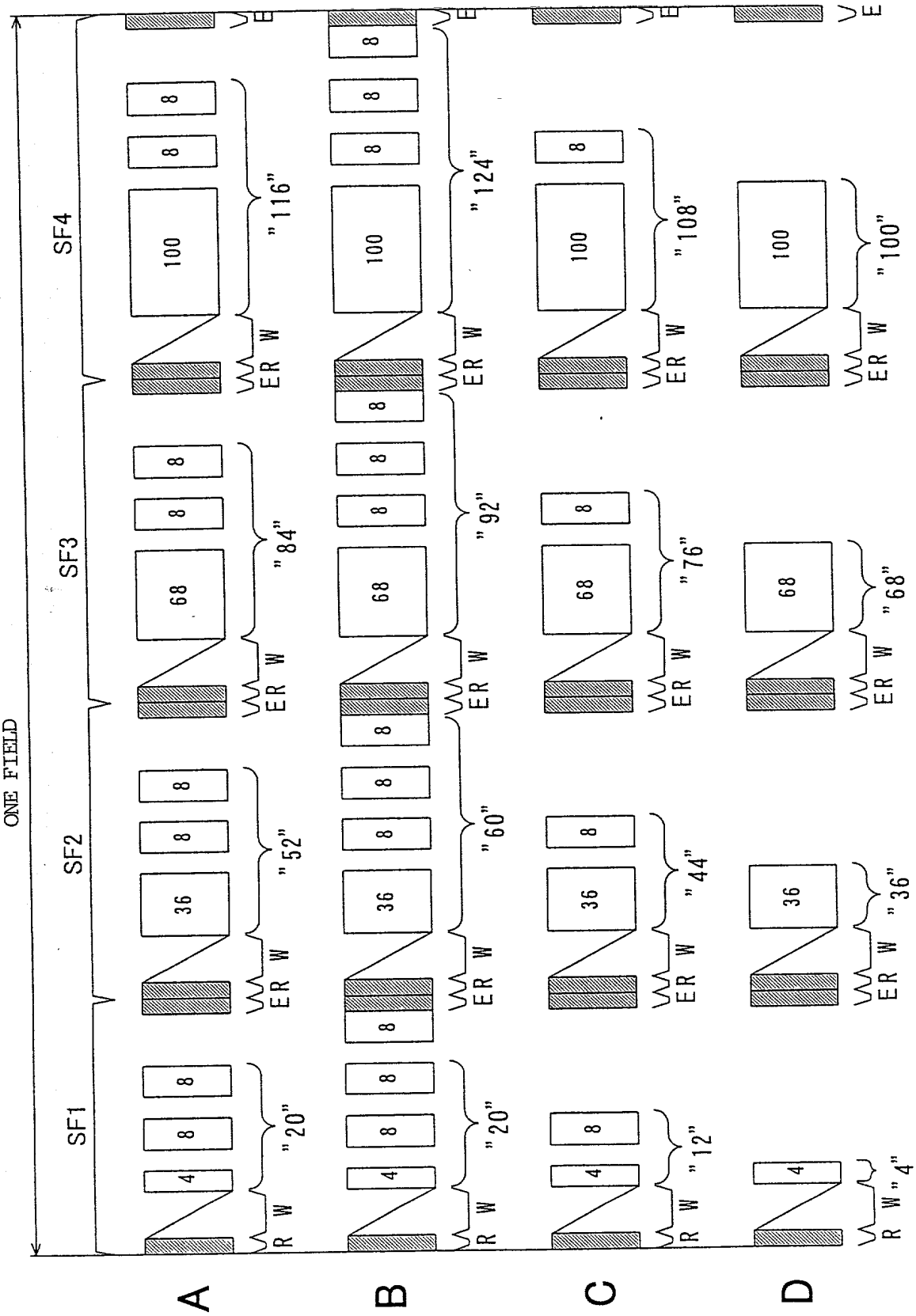

ONE FIELD
SF1
SF2
SF3
SF4
A
B
C
D
R W "20"
ER W "52"
ER W "84"
ER W "116"
R W "20"
ER W "60"
ER W "92"
ER W "124"
R W "12"
ER W "44"
ER W "76"
ER W "108"
R W "4"
ER W "36"
ER W "68"
ER W "100"
4
8
36
68
100

FIG. 8

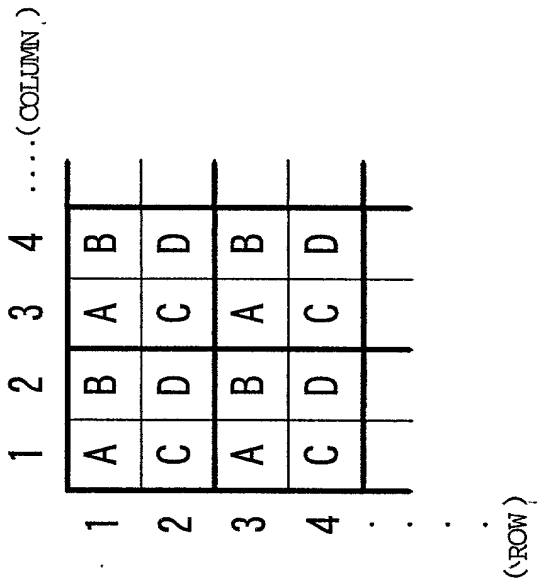
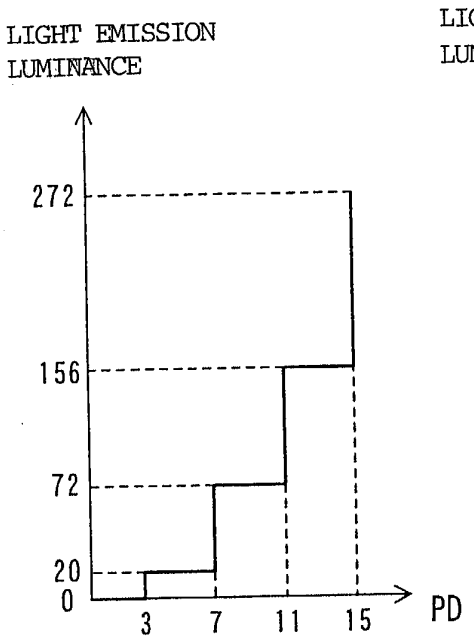
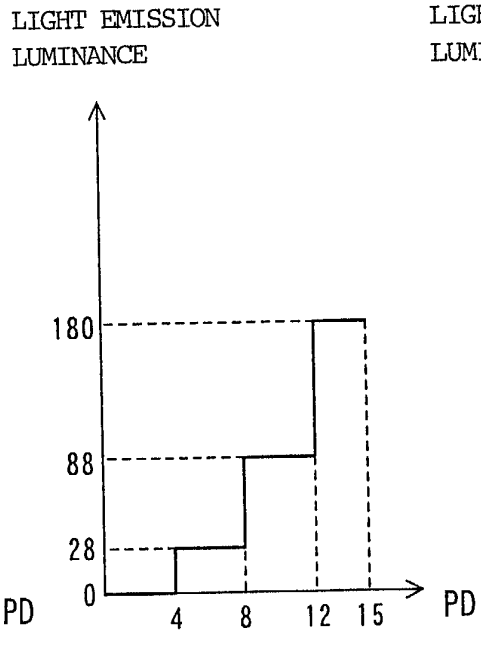
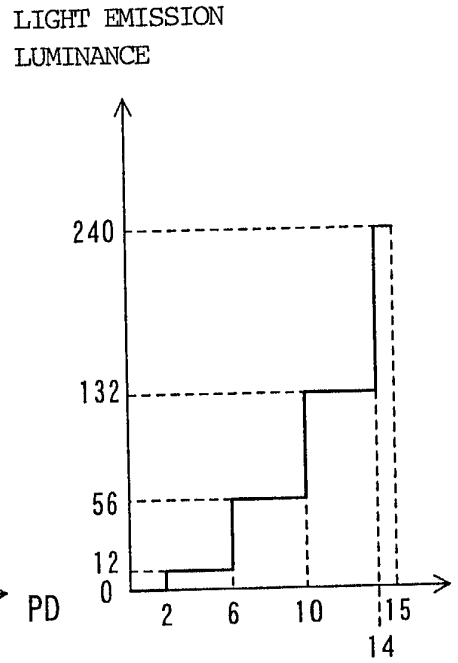


FIG. 9







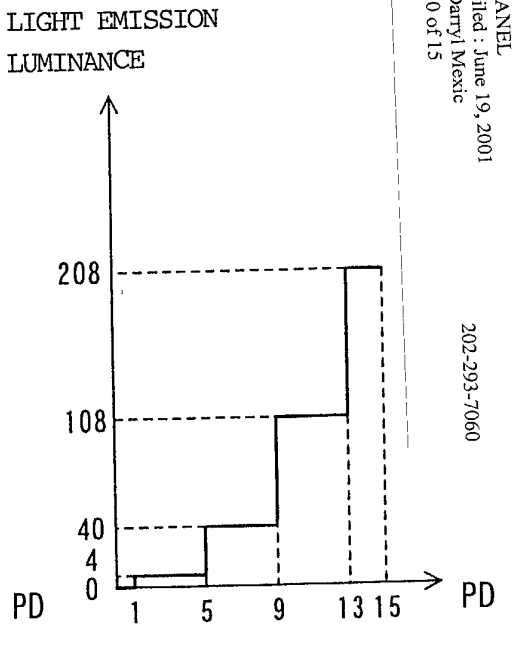


FIG.10A FIG.10B FIG.10C FIG.10D

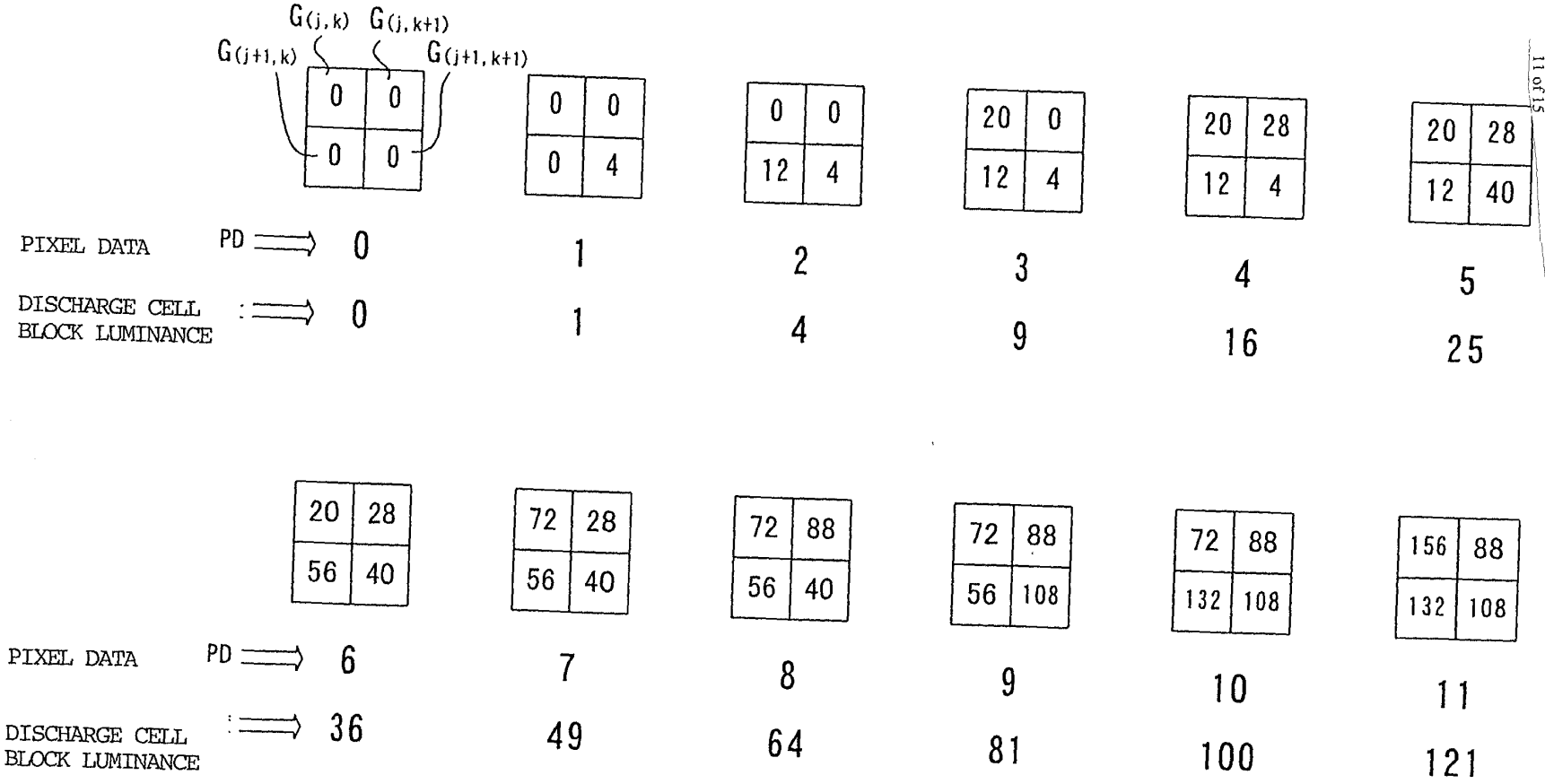


FIG. 11

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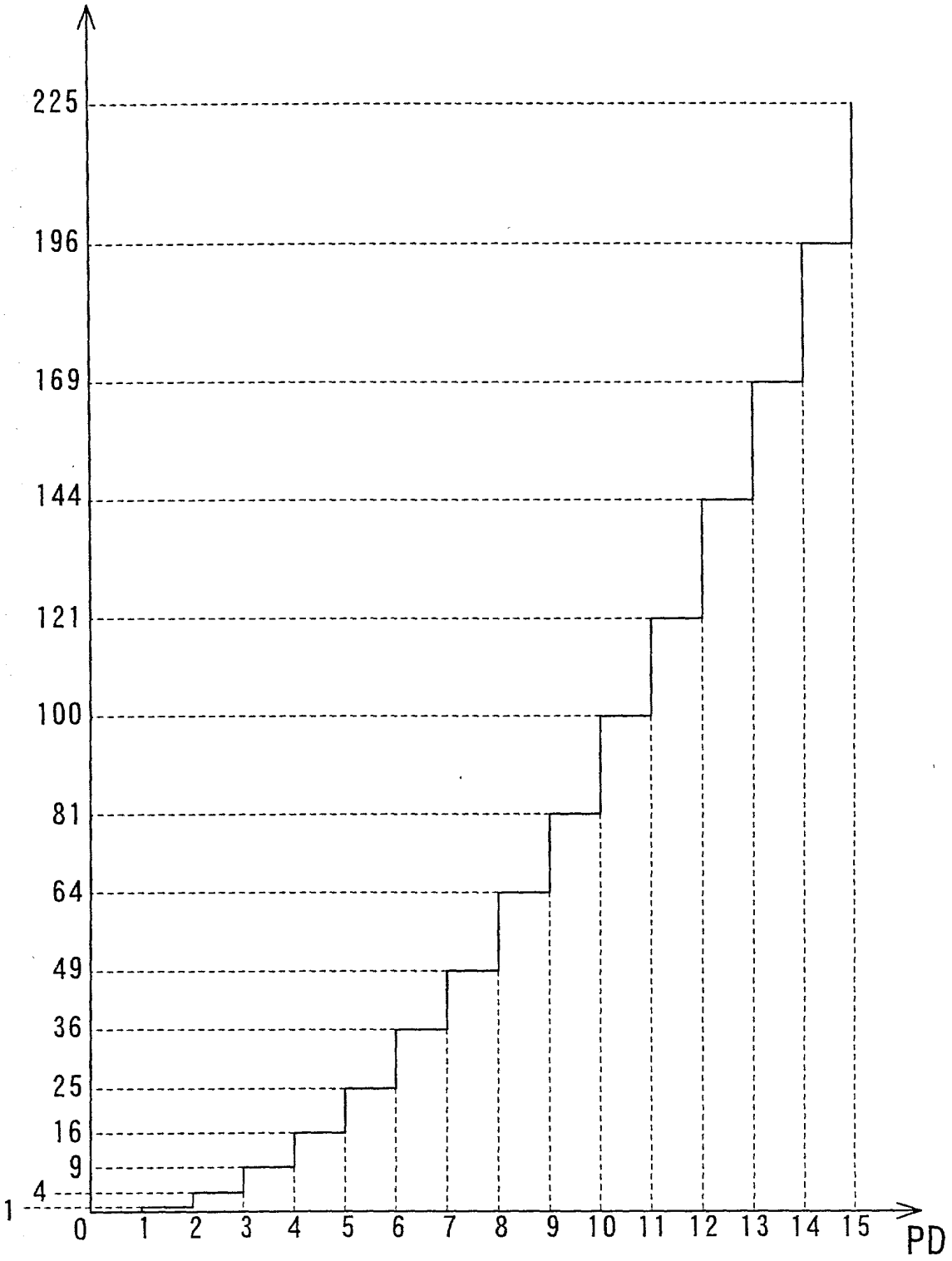

FIG. 12

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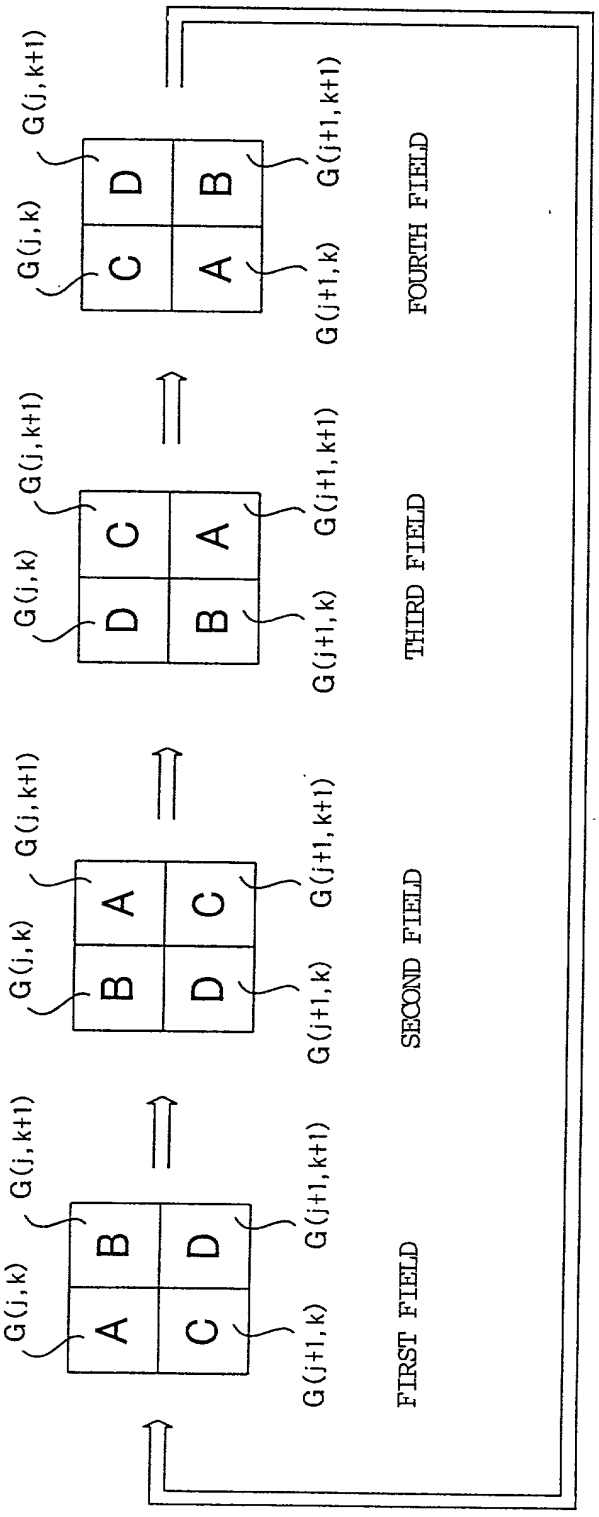

FIG. 13

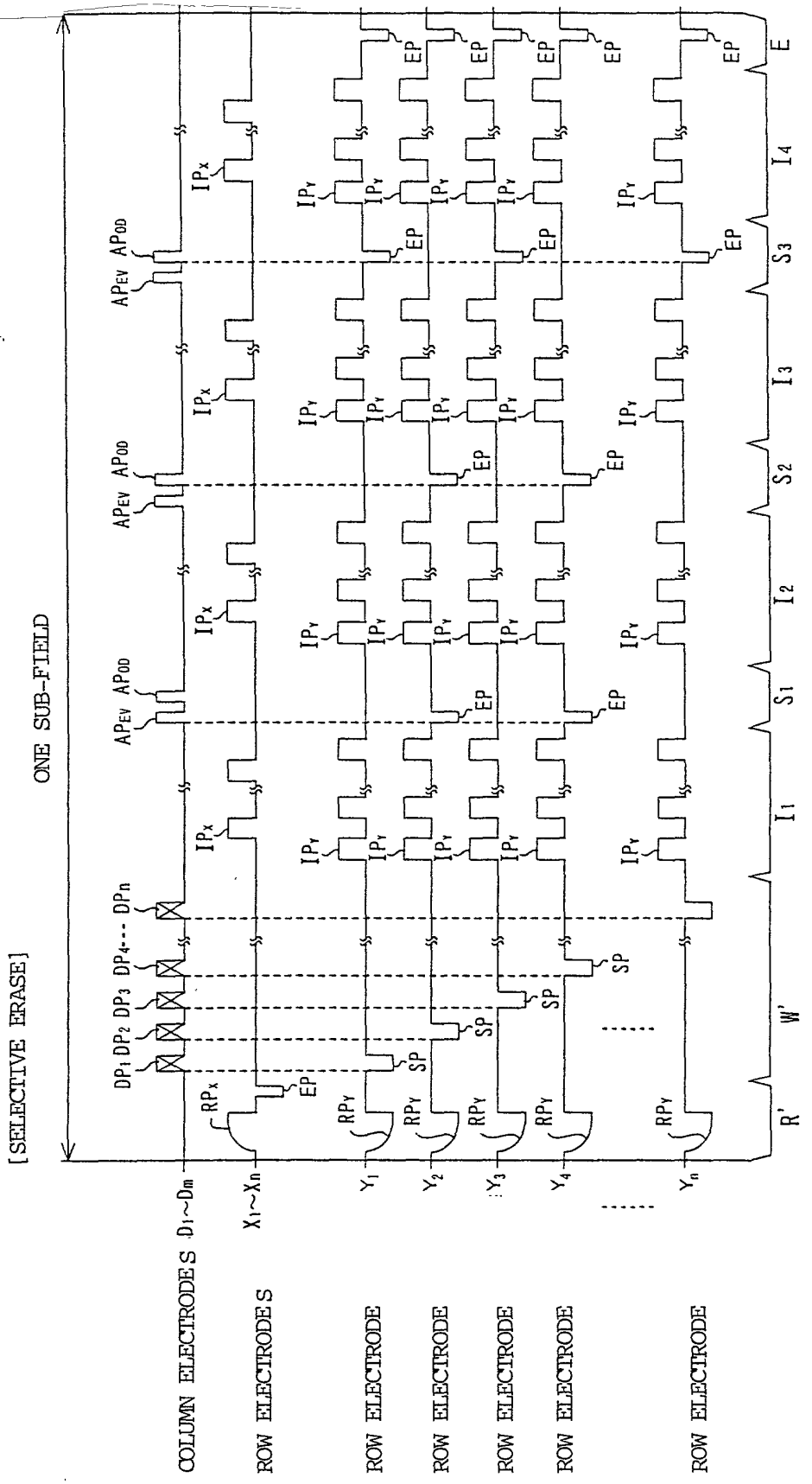
[SELECTIVE ERASE]
ONE SUB-FIELD
R'
W'
E
I1
I2
I3
I4
S1
S2
S3
DP1 DP2 DP3 DP4 --- DPn
APOD
APEV
IPx
IPy
RPx
RPy
EP
SP
COLUMN ELECTRODES D1~Dm
ROW ELECTRODES X1~Xn
ROW ELECTRODE Y1
ROW ELECTRODE Y2
ROW ELECTRODE Y3
ROW ELECTRODE Y4
ROW ELECTRODE Yn

FIG. 14

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CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 34

[SELECTIVE WRITE]

LIGHT EMISSION DRIVING PATTERN

GRADATION	PD_L	GD 1	GD 2	GD 3	GD 4	SF 1	SF 2	SF 3	SF 4	LUMINANCE A	LUMINANCE B	LUMINANCE C	LUMINANCE D
1	000	0	0	0	0					0	0	0	0
2	001	1	0	0	0	◎				20	28	12	4
3	010	1	1	0	0	◎	◎			72	88	56	40
4	011	1	1	1	0	◎	◎	◎		156	180	132	108
5	100	1	1	1	1	◎	◎	◎	◎	272		240	208

FIG. 15